HISTORIC AMERICAN BUILDINGS SURVEY

INDEX TO PHOTOGRAPHS

Benicia Arsenal Powder Magazine No. 5   HABS No. CA-1839
      (Building No. 14)
NE of I-680
Benicia
Solano County
California

Documentation: 2 photocopies of exterior photos (1915 and undated)
               1 data page (1981)

CA-1839-1   Photocopy of photograph (from San Francisco Examiner Library)
            Photographer unknown 1915
            WEST AND SOUTH SIDES OF BUILDING NO. 13 (FOREGROUND) AND NO. 14

CA-1839-2   Photocopy of photograph (from Benicia Arsenal)
            U.S. Army Photographer Date unknown
            BUILDING NO. 13 OR 14 (NOT IDENTIFIED)

HISTORIC AMERICAN BUILDINGS SURVEY

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HABS No. CA-1839

Addendum to
Benicia Arsenal, Powder Magazine Number 5 (Building No. 14)
Benicia-Martinez Bridge Maintenance Yard
Junction of Interstate Highways 680 and 780
Benicia
Solano County
California

Photos CA-1839-1 through -2 were transmitted to the Library of Congress previously.

Ed Andersen, Photographer, July 15, 1986.
John Snyder, Field Director

PHOTOGRAPHS

EXTERIOR PHOTOGRAPHS

CA-1839-3 Oblique view of building in setting; view to northwest, 65mm lens. Railroad cut in foreground was made in 1928 when Southern Pacific Railroad realigned its main line in connection with the construction of its Martinez-Benicia Bridge. It was this cut which led to continual settlement of the southeast corner of the building, resulting in its structural failure.

CA-1839-4 Oblique view of building in setting; view to northwest from same camera position as photo 1, 135mm lens.

CA-1839-5 Southwest front; view to northeast, 65mm lens.

CA-1839-6 Oblique view of northwest end and southwest front; view to east, 90mm lens.

CA-1839-7 Northwest end; view to southeast, 65mm lens. Note sandstone date tablet.

CA-1839-8 Oblique view of northeast rear and northwest end; view to south, 65mm lens.

CA-1839-9 Oblique view of southwest front and southeast end; view to north, 90mm lens.

CA-1839-10   Southeast end; view to northwest, 65mm lens. Note
              evidence of extreme building failure caused by
              adjacent railroad cut, which necessitated building
              demolition. (Vignetting due to extreme use of
              camera swing necessitated by lack of space to
              position camera otherwise.)

CA-1839-11   Detail, typical loading dock door, southwest
              front, view to northeast, 135mm lens.

CA-1839-12   Detail, typical window with fireproof shutters
              open, northeast rear, view to southwest, 135mm
              lens. Note cracks evidencing structural failure.

CA-1839-13   Detail, typical window with fireproof shutters
              closed, northeast rear, view to southwest, 135mm
              lens. Note cracks evidencing structural failure.

CA-1839-14   Detail, crack evidencing structural failure,
              northeast rear, view to southwest, 90mm lens. Note
              failure of sandstone lintel above window.

CA-1839-15   Detail, cracks evidencing structural failure,
              northeast rear, view to southwest, 90mm lens.

INTERIOR PHOTOGRAPHS

CA-1839-16   Oblique view, typical room; view to north, 65mm
              lens plus electronic flash illumination.

CA-1839-17   Oblique view, typical room; view to south, 65mm
              lens plus electronic flash illumination.

CA-1839-18   Southeast end room; view to northeast, 65mm lens
              plus electronic flash illumination. Failed south
              wall at right.

CA-1839-19   Southeast end room; view to southeast, 65mm lens
              plus electronic flash illumination. Note extent of
              failure; figure for scale.

CA-1839-20   Detail, crack in southeast end wall showing hollow
              brick lining of exterior wall; view to south, 135mm
              lens plus electronic flash illumination.

PHOTOCOPY OF PLANS

CA-1839-21   Photocopy of blueprint, "Benicia Arsenal, Powder Magazine, Cap. 300,000 lbs., Frankford Arsenal, U.S.A., October 10, 1902" (8"x10" enlargement of 4"x5" negative). Original blueprint held by California Department of Transportation, Division of Operations and Toll Bridges, Benicia-Martinez Bridge, P.O. Box 577, Crockett CA 94525.